



01/30/97

FORM PTO-1449 (Modified)			Atty. Docket No. 016528X-000560		Appl. No. 08/670,118	
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			Applicant: FODOR et al.			
			Filing Date: July 25, 1996		Group: 1803	
U.S. PATENT DOCUMENTS						
Examiner Initial	Document No.	Date	Name	Class	Sub-class	Filing Date (If Appropriate)
SWA	4,542,102	09/17/85	Dattagupta et al.	435	G	
AB	4,689,405	08/25/87	Frank et al.	435	G	
AC	4,713,326	12/15/87	Dattagupta et al.	435	G	
AD	4,728,591	03/01/88	Clark et al.	430	G	
AE	4,965,188	10/17/90	Mullis et al.	435	G	
AF	5,002,867	03/26/91	Macevicz	435	G	
AG	5,026,840	06/25/91	Dattagupta et al.	435	G	
AH	5,143,854	09/01/92	Pirrung et al.	436	G	
AI	5,202,231	04/13/93	Drmanac et al.	435	G	
AJ	5,445,934	08/29/95	Fodor et al.	435	G	
AK	5,492,806	02/20/96	Drmanac et al.	435	G	
AL	5,525,464	06/11/96	Drmanac et al.	435	G	
FOREIGN PATENT DOCUMENTS						
	Document No.	Date	Country	Class	Sub-class	Translation (yes/no)
AM	WO 89/10977	11/16/89	WIPO			
AN	WO 89/11548	11/30/89	WIPO			
AO	WO 90/00626	01/25/90	WIPO			
AP	WO 90/03382	04/05/90	WIPO			
AQ	WO 90/04652	05/03/90	WIPO			
AR	392 546	10/17/90	Europe			
AS	WO 90/15070	12/13/90	WIPO			
AT	2233654	01/16/91	Great Britain			
AU	WO 91/07087	05/30/91	WIPO			
AV	WO 92/10092	06/25/92	WIPO			
AW	WO 92/10588	06/25/92	WIPO			
AX	WO 93/17126	09/02/93	WIPO			
EXAMINER S. E. Fodor			DATE CONSIDERED 4-4-97			

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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)			
<input checked="" type="checkbox"/> AY	Amit et al., "Photosensitive protecting groups of amino sugars and their use in glycoside synthesis. 2-nitrobenzyloxycarbonylamino and 6-nitroveratryloxy-carbonylamino derivatives" <i>J. Org. Chem.</i> 39(2):192-196 (1974)		
<input type="checkbox"/> AZ	Bains and Smith, "A novel method for nucleic acid sequence determination," <i>J. Theor. Biol.</i> 135(3):303-307 (1988)		
<input type="checkbox"/> BA	Barinaga, M., "Will 'DNA Chip' Speed Genome Initiative?" <i>Science</i> 253:1489 (September 27, 1991)		
<input type="checkbox"/> BB	Carrano et al., "A high-resolution, fluorescence-based, semiautomated method for DNA fingerprinting" <i>Genomics</i> 4:129-136 (1989)		
<input type="checkbox"/> BC	Chetverin, A.B. and Kramer, F.R., "Oligonucleotide Arrays: New Concepts and Possibilities" <i>Bio/Tech.</i> 12:1093-1099 (Nov 1994)		
<input type="checkbox"/> BD	Coulson et al., "Toward a physical map of the genome of the nematode <i>Caenorhabditis elegans</i> " <i>Proc. Natl. Acad. Sci. USA</i> 83:7821-7825 (Oct. 1986)		
<input type="checkbox"/> BE	Craig et al., "Ordering of cosmid clones covering the herpes simplex virus type I (HSV-I) genome: A test case for fingerprinting by hybridisation," <i>Nucl. Acids Res.</i> 18:2653-2660 (1990)		
<input type="checkbox"/> BF	Dower, W.J. and Fodor, S., "The Search for Molecular Diversity (II): Recombinant and Synthetic Randomized Peptide Libraries" <i>Ann. Rep. Med. Chem.</i> 26:271-280 (1991)		
<input type="checkbox"/> BG	Drmanac et al., "Reliable hybridization of oligonucleotides as short as six nucleotides" <i>DNA Cell Biol.</i> 9(7):527-534 (1990)		
<input type="checkbox"/> BH	Drmanac et al., "An algorithm for the DNA sequence generation from k-tuple word contents of the minimal number of random fragments" <i>J. Biomol. Struct. Dyn.</i> 8(5):1085-1102 (1991)		
<input type="checkbox"/> BI	Drmanac et al. "Sequencing of megabase plus DNA by hybridization: theory of the method" <i>Genomics</i> 4:114-128 (1989)		
<input type="checkbox"/> BJ	Drmanac et al., "Partial Sequencing by Oligo-hybridization: Concept and Applications in Genome Analysis" <i>The First Intl. Conf. Electrophoresis, Supercomputing, and the Human Genome</i> , Eds. Cantor and Lim, World Scientific, pp. 60-74 (April 10-13, 1990)		
<input type="checkbox"/> BK	Drmanac et al., "Sequencing by Oligonucleotide Hybridization: A Promising Framework in Decoding of the Genome Program" <i>The First Intl. Conf. Electrophoresis, Supercomputing, and the Human Genome</i> , Eds. Cantor and Lim, World Scientific, pp. 47-59 (April 10-13, 1990)		
<input type="checkbox"/> BL	Evans et al., "Physical Mapping of Complex Genomes by Cosmid Multiplex Analysis" <i>Proc. Natl. Acad. Sci. USA</i> 86:5030-5034 (July 1989)		
<input type="checkbox"/> BM	Feinberg and Vogelstein, "A Technique for Radiolabeling DNA Restriction Endonuclease Fragments to High Specific Activity" <i>Anal. Biochem.</i> 137:266-267 (1984) Addendum		
<input checked="" type="checkbox"/> BN	Fodor et al., "Light-directed, spatially addressable parallel chemical synthesis" <i>Science</i> 251:767-773 (1991)		
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<input checked="" type="checkbox"/> BO	Hodgson and Fisk, "Hybridization probe size control: optimized 'oligolabeling'" <i>Nucl. Acids Res.</i> 15(15):6295 (1987)		
<input type="checkbox"/> BP	Khrapko et al., "A method for DNA sequencing by hybridization with oligonucleotide matrix" <i>DNA Seq. Map</i> 1:375-388 (1991)		
<input type="checkbox"/> BQ	Khrapko et al., "An oligonucleotide hybridization approach to DNA sequencing" <i>FEBS Lett.</i> 256(1,2):118-122 (Oct 1989)		
<input type="checkbox"/> BR	Lander et al., "Genomic Mapping by Fingerprinting Random Clones: A Mathematical Analysis" <i>Genomics</i> 2:231-239 (1988)		
<input type="checkbox"/> BS	Little, P., "Clone maps made simple" <i>Nature</i> 346:611-612 (1990)		
<input type="checkbox"/> BT	Lysov et al., "Determination of the nucleotide sequence of DNA using hybridization with oligonucleotides. A new method" <i>Dokl. Akad. Nauk. SSSR</i> 303:1508-1511 (1988)		
<input type="checkbox"/> BU	McCray et al., "Properties and uses of photoreactive caged compounds" <i>Ann. Rev. Biophys. Chem.</i> 18:239-270 (1989)		
<input type="checkbox"/> BV	Michiels et al., "Molecular Approaches to Genome Analysis: A Strategy for the Construction of Ordered Overlapping Clone Libraries" <i>CABIOS</i> 3(3):203-210 (1987)		
<input type="checkbox"/> BW	Ohtsuka et al., "Studies on transfer ribonucleic acids and related compounds" <i>Nucl. Acids Res.</i> 1(10):1351-1357 (1974)		
<input type="checkbox"/> BX	Olson et al., "Random-clone strategy for genomic restriction mapping in yeast" <i>Proc. Natl. Acad. Sci. USA</i> 83:7826-7830 (Oct. 1986)		
<input type="checkbox"/> BY	Patchornik et al., "Photosensitive Protecting Groups" <i>J. Am. Chem. Soc.</i> 92(21):6333-6335 (Oct. 21, 1970)		
<input type="checkbox"/> BZ	Pevzner, P.A., "DNA Physical Mapping and Alternating Eulerian Cycles in Coloured Graphs" <i>Algorithmica</i> 13(1-2):77-105 (1995)		
<input type="checkbox"/> CA	Pevzner, P.A., "1-Tuple DNA sequencing: Computer analysis" <i>J. Biomol. Struct. Dyn.</i> 7(1):63-73 (1989)		
<input type="checkbox"/> CB	Pevzner and Waterman, "Multiple Filtration and Approximate Pattern Matching" <i>Algorithmica</i> 13(1-2):135-154 (1995)		
<input type="checkbox"/> CC	Pevzner and Waterman, "Generalized Sequence Alignment and Duality" <i>Adv. Applied Math.</i> 14:139-171 (1993)		
<input type="checkbox"/> CD	Pfeifer et al., "Genomic sequencing and methylation analysis by ligation mediated PCR" <i>Science</i> 246:810-813 (Nov. 10, 1989)		
<input type="checkbox"/> CE	Poustka et al., "Molecular approaches to mammalian genetics" <i>Cold Spring Harbor Symp. Quant. Biol.</i> 51(Pt. 1):131-139 (1986)		
<input type="checkbox"/> CF	Sambrook et al., in: <i>Molecular Cloning, A Laboratory Manual</i> , 2nd Edition, Cold Spring Harbor Lab. Press, Cold Spring Harbor, NY, pp. 11.45-11.47 (1989)		
<input checked="" type="checkbox"/> CG	Seed, B., "Diazotizable arylamine cellulose papers for the coupling and hybridization of nucleic acids" <i>Nucl. Acids Res.</i> 10(5):1799-1810 (1982)		
EXAMINER S. Homer		DATE CONSIDERED 4-4-97	

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CH	Southern et al., "Analyzing and Comparing Nucleic Acid Sequences by Hybridization to Arrays of Oligonucleotides: Evaluation Using Experimental Models" <i>Genomics</i> 13:1008-1017 (1992)		
CI	Wood et al., "Base composition-independent hybridization in tetramethylammonium chloride: a method for oligonucleotide screening of highly complex gene libraries" <i>Proc. Natl. Acad. Sci. USA</i> 82:1585-1588 (Mar. 1985)		
EXAMINER S. Zitomer		DATE CONSIDERED 4-4-97	